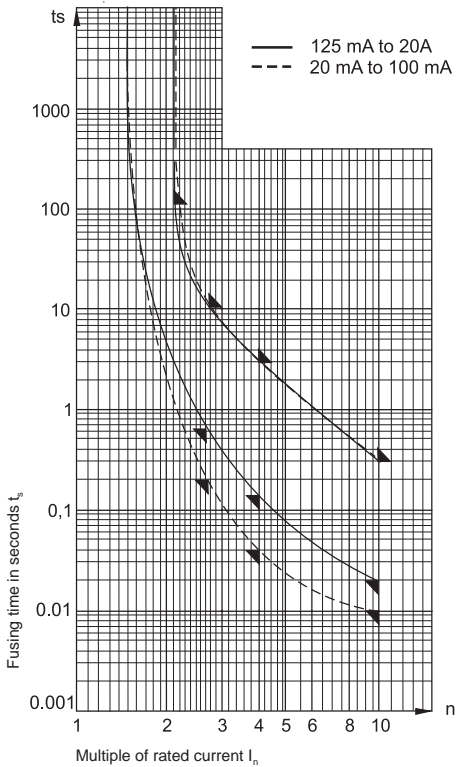


FST 5 x 20mm Time Lag Fuses – Low Breaking Capacity



Built according to IEC 127-2/3, EN 60127, SEV 1064, DIN/VDE 0820 part 1, DIN 41662, BS 4265, and SEMKO 104-1976, with support by UL 198G. Series SP & SPT recommended if the short circuit current through the fuse-link is more than 35A or $10 \times I_n$, whichever is greater (CENELEC Jan 1, 1993).



Approvals:

UL	recognition	32mA-16A*	File #E41599
CSA	acceptance	32mA-16A*	File #LR51172
VDE	approval	32mA-6.3A	File #50910
SEMKO	approval	32mA-6.3A	File #51550
SEV	approval	32mA-6.3A	} File numbers on request
BSI	license	125mA-6.3A	
CB	certification	32-40mA, 125mA-6.3A	
BEAB	approval	32-40mA, 125mA-6.3A	

* fuses with pigtail leads approved up to 8A (factory assembled only)



NEW

New version with gold plated caps for direct pcb mounting

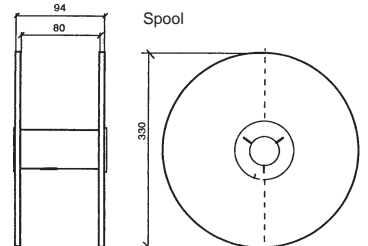
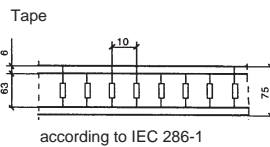
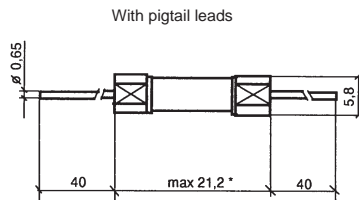
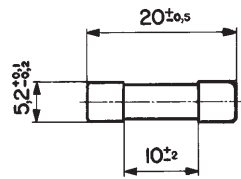
cUL recognition 1A-16A/250V** pending
VDE approval 1A-16A/250V** pending

** Contact Schurter for part numbers

Time Current Characteristics

rated current I_n	$n \cdot I_n$		$2.75 \cdot I_n$		$4 \cdot I_n$		$10 \cdot I_n$	
	min.	max.	min.	max.	min.	max.	min.	max.
20mA – 100mA	60 min.	2 min.*	200 ms*	10 s*	40 ms	3 s	10 ms	300 ms
125mA – 20A	60 min.	2 min.	600 ms	10 s	150 ms	3 s	20 ms	300 ms

* These values are not guaranteed at 20mA



Order Numbers	Rated current / rated voltage	Breaking capacity	Voltage drop at I_n		Power dissipation at $1.5 \cdot I_n$			Pre-arcing $I^2 t$ at $10 \cdot I_n$ A ² s	Approvals											
			max. IEC 127 mV	typical Schurter mV	max. IEC 127 Watts	max. Schurter Watts	typical Schurter Watts		UL	CSA	VDE	SEMKO	SEV	BSI	CB	BEAB				
Series FST	mA / A / V~	A~																		
0034.3101	20 mA* / 250V	35A / 250 V / 50 Hz / p.f. 1		2700			0.1	0.0012												
0034.3102	32 mA / 250V			5000	3000	1.6		0.2	0.0019											
0034.3103	40 mA / 250V			4000	2100	1.6		0.2	0.0027											
0034.3104	50 mA / 250V			3500	950	1.6		0.125	0.0363											
0034.3105	63 mA / 250V			3000	1300	1.6		0.2	0.0401											
0034.3106	80 mA / 250V			3000	1100	1.6		0.3	0.0570											
0034.3107	100 mA / 250V			2500	1000	1.6		0.155	0.107											
0034.3108	125 mA / 250V			2000	565	1.6		0.2	0.064											
0034.3109	160 mA / 250V			1900	415	1.6		0.185	0.230											
0034.3110	200 mA / 250V			1500	270	1.6		0.2	0.256											
0034.3111	250 mA / 250V			1300	210	1.6		0.2	0.238											
0034.3112	315 mA / 250V			1100	170	1.6		0.2	0.544											
0034.3113	400 mA / 250V			1000	150	1.6		0.2	0.768											
0034.3114	500 mA / 250V			900	160	1.6		0.2	3.0											
0034.3115	630 mA / 250V			300	160	1.6		0.3	4.35											
0034.3116	800 mA / 250V		250	120	1.6		0.3	3.85												
0034.3117	1 A / 250V		150	60	1.6		0.2	3.30												
0034.3118	1.25 A / 250V		150	60	1.6		0.3	5.50												
0034.3165*	1.4 A* / 250V			60			0.3	7.45												
0034.3119	1.6 A / 250V		150	60	1.6		0.5	10.5												
0034.3120	2 A / 250V		150	60	1.6		0.6	16												
0034.3121	2.5 A / 250V		120	60	1.6		0.7	21.9												
0034.3122	3.15 A / 250V		100	60	1.6		0.8	47												
0034.3123	4 A / 250V		100	60	1.6		1.1	68.3												
0034.3124	5 A / 250V		100	60	1.6		1.2	102												
0034.3125	6.3 A / 250V		100	60	1.6		1.3	190												
0034.3126	8 A* / 250V	10 • I_n 250V / 50 Hz / p.f. 1		60			1.6	275												
0034.3127	10 A* / 250V			60			1.8	520												
0034.3128	12.5 A* / 250V			60				750												
0034.3129	16 A* / 250V			60				1638												
0034.3130	20 A* / 250V			60				3057												

*Not addressed in the standards; 1.4A SEMKO approved only.

For pigtail fuses packaged loose: reference .PT after part number (e.g. 0034.3101.PT)

For pigtail fuses on 1,000-piece tape and reel: reference .TR after part number (e.g. 0034.3101.TR)